second heat exchanger disposed on the leeward side, so that the heat exchanger can be made compact and light-weighted. Especially, the heat exchanger of the invention is suitable for a refrigerating cycle for vehicles and household appliances.

CLAIMS:

1. A heat exchanger comprised of two or more heat exchangers which are disposed on the windward and leeward side of a ventilating direction in parallel at right angles to the ventilating direction, wherein:

the heat exchangers are configured by stacking a plurality of tubes; and

the heights of the tubes of one heat exchanger disposed on the windward of the ventilating direction are lower than the heights of the tubes of the other heat exchanger disposed on the leeward side.

2. The heat exchanger according to claim 1, wherein the respective tubes of the two or more heat exchangers disposed in parallel have substantially the same space between the stacked tubes.

3. The heat exchanger according to claim 1 or 2, wherein the respective tubes have a height of less than 1.6 mm.

4. The heat exchanger according to any of claims 1 to 3, wherein the two or more heat exchangers disposed in parallel have a space of 15 mm or less between them.

5. The heat exchanger according to any of claims 1 to 4, wherein one of the heat exchangers is a condenser and the other is a radiator.

6. The heat exchanger according to any of claims 1 to 5, wherein the two or more heat exchangers are integrally configured using a common member.